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STATEMENT UNDER 37 CFR 3.73(b)

App	olicant	Palent Owner: MICHAEL E. RUNAS						
		1 No./Patent No.: 5500819 Filed/Issue Date: 03/19/1996						
Title		CIRCUITS. SYSTEMS AND METHODS FOR IMPROVING PAGE ACCESSES AND BLOCK TRANSFERS IN A WEMORY SYSTEM						
inte	Hectu	el Ventures II LLC a Limited Liability Company						
(Nar	ne of As	прове) (Туре «Алакун», е.д. октольког цептоговар, инчесту, дочением еденку, его						
stat	les the	ili ist						
1.	X	the assignee of the entire right, title, and interest in,						
2.		an assignee of less than the entre right, tills, and silvest in (The extent (by percentage) of its ownership interest is %); or						
3.		the assignee of an undivided interest in the entirety of (a complete assignment from one of the joint inventors was made)						
the	pateni	application/patent identified above, by virtue of either:						
A.		An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Platent and Trademark Office at Reel						
OR	£22224							
8.	ĺΧJ	A chain of little from the inventor(s), of the patient application/patent identified above, to the current assigned as follows:						
		1 From: RUNAS, MICHAEL E. To: CIRRUS LOGIC, INC.						
	The document was recorded in the United States Patent and Trademark Office at							
		The document was recorded in the United States Patent and Trademark Office at Real 007986 Frame 0917 or for which a conv thereof is attached						
		BANK OF AMERICA NATIONAL TRUST & To: CIRRUS LOGIC INTERNATIONAL LTD.						
		The document was reported in the United States Patent and Trademark Office at						
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	\times	Additional documents in the chain of title are listed on a supplemental sheet(s),						
		required by 37 CFR 3 79(b)(1)(), the documentary evidence of the chain of title from the original owner to the austignee was, concurrently is being, submitted for incordation pursuant to 37 CFR 3.11.						
	(No	TTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in oxidance with 31 CFR Part 3, to record the assignment in the records of the USPTO. <u>See</u> MPEP 302.08]						
The	ébnd e	regned, whose lite is supplied below) is authorized to act on behalf of the assignee.						
	S	grature Date AUTHORIZED PERSON FOR						
Da	vid Oi.	taber Intellectual ventures if i.e.						
	Ω	inted or Tuned Marca						

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	31A	TEMENT UNDER 37 GPR 3.73(0)					
Applica	int/Pateni Owner MICHAEL E. RUNAS						
Applica	tion No /Patent No.: 5500819	Filed/Issue Oale: 03/19/1996					
Titled:		DS FOR IMPROVING PAGE ACCESSES AND BLOCK TRANSFERS IN A					
Intellec	hual Ventures il LLC	a Limited Liability Company					
(Name of	Assignae)	(Type of Assignee, e.g., corporative, perfinerance, university, government systemy, etc.,					
states II	that it is:						
1. 🛚	The assignee of the entire right, life, and	interest in;					
2.	an assignee of less than the entire right. (The extent (by percentage) of its owner	an assignee of less than the entire right, title, and interest in (The extent (by percentage) of its ownership interest is %); or					
3.	The assignee of an undivided interest in	the entirely of (a complete assignment from one of the joint inventors was made)					
the pair	erii application/palerii identified above, by vir	tue of either.					
Α.	An assignment from the inventor(s) of the United States Patent and Trademark copy therefore is attached.	re patent application/patent identified above. The assignment was recorded in « Office at Real, Frame or for which a					
OR							
a. X	A chain of little from the inventor(s), of the BANK OF AMERICA NO 1. From: SAVINGS ASSOCIAT	e palent applicatios/patent identified above, to the current assignee as follows: ATTONAL TRUST © TO: CIPRUS LOGIC, INC.					
	Reel 024864 BANK OF AMERICA NA	in the United States Petent and Trademetik Office at Frame 0582 or for which a copy thereof is attached. VIONAL TRUST & ION, AS AGRNT to: CIRRUS LOGIC, INC.					
		in the United States Patent and Trademark Office at					
	Reel 024864	, Frame 0797 or for which a copy thereof is attached.					
	3, From: CIRRUS LOGIC, INC.	To: HUAI TECHNOLOGIES, LLC					
		in the United States Patenti and Trademark Office at					
	Reel 025039	, Frame 0292 or for which a copy thereof is attached					
\boxtimes	Additional documents in the chain of til	le are listed on a suppliernential sheet(s).					
	As required by 37 CFR 3.73(b)(1)(i), the door concurrently is being, submitted for record	cumentary evidence of the chain of little from the original owner to the assignee was, lation pursuant to 37 CFR 3.11.					
		f the original assignment document(s)) must be submitted to Assignment Division in e assignment in the records of the USPTO, <u>See</u> MPEP 302.08]					
The un	derdigned (whose tilled is supplied below) is a	4/20/1					
	Signature V V	Date AUTHORIZED PERSON FOR					
David	Dutcher	INTELLECTUAL VENTURES II LLC					
	Printed or Tyoed Name	Title					

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STATEMENT UNDER 37 CFR 3.73(b)

Applicant	Patent Owner: MICHAEL E. RUNAS						
Applicatio	n No./Palent No.: 5500819	Filed/Issue Date 03/19/1996					
	CIRCUITS, SYSTEMS AND METHODS F MEMORY SYSTEM	OR IMPROVING PAGE ACCESSES AND BLOCK TRANSFERS IN A					
intelleciu	al Ventures If LLC	Limited Liability Company					
(flame of As		(Type of Assigner is 3., corporation, narineratio, univorsity, government agency, etc.					
states the	d H is:						
1. 🔯	the assignee of the entire right, little, and inter	est in:					
2.	an assignee of less than the entire right, fille, and interest in (The extent (by percentage) of its ownership interest is						
з. 🔲	the assignee of an undivided interest in the e	nitrety of (a complete assignment from one of the joint inventors was made)					
the paten	spplication/patent identified above, by virtue o	i either					
A. []	An assignment from the inventor(s) of the patient application/perent identified above. The assignment was recorded in the United States Patient and Trademark Office at Red Frame of for which a pay threshore a statched.						
OR B. 🔯	A chain of lifle from the inventor(s), of the pattern BANK OF AMERICA NATI	ent application/patent identified above, to the current assignee as follows. ONAL TRUST & CHRUS LOGIC, INC.					
		United States Patent and Trademark Office at					
	Real 024864 . p	rame G797 or for which a copy thereof is attached.					
	3. From: CIRRUS LOGIC, INC.	To HUAI TECHNOLOGIES, LLC					
	The document was recorded in the	United States Patent and Trademark Office at					
	Re61 025039 , F	rame 0292 or for which a copy thereof is attached.					
\boxtimes	Additional documents in the chain of tille are						
Or [N	concurrently is being, submitted for recordation OTE: A separate logy (i.e., a true copy of the	ntary evidence of the chain of title from the original owner to the assignee was pursuant to 37 CFR 3.11. original assignment document(s)) must be submitted to Assignment Division 1 spannent in the records of the USPTO, Sige MPEP 302.69[
The unde	ersigned (vyhosefulle) is supplied below) is suitho	nzed to act on behalf of the assignee.					
-0/5	Signature VV	Date					
David Du	dcher	AUTHORIZED PERSON FOR INTELLECTUAL VENTURES II LI					
	Printed or Typed Name	Tide					

This collection of information is required by 3? CFR 3.73(n). The information is required to obtain or return a pecualities use public which is to fife fand by the USPTO is 146 CORRECTION of Information in Indigenous by the CLEST V. You. The information is required to collect or retain is given a great value of the first to give a service by the CLEST V. You. The information is required by the CLEST V. You. The information is required to the late V. Indigenous to the late V. Indigenous to the late V. Indigenous to the CLEST V. You. The information is required by the CLEST V. You. The information is required to the V. You will be a service of t for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

	2	TATEMENT UNDER	37 CFR 3./3(b)				
Applicant	Pateni Owner: MICHAEL E. RUNA	3					
Applicatio	on No./Patent No.: 5500819		Filed/lesue Date: 03/19/1996				
	CIRCUITS, SYSTEMS AND METI MEMORY SYSTEM	HODS FOR IMPROVI	NG PAGE ACCESSES AND BLO	OK TRANSPERS IN A			
intellectu	rai Ventures II LLC	, a Limited L	Limited Liability Company				
(Name of A)	segnee)		sagnee, e.g., corporation, parineratay, universely	government agency, esc.			
states the	u Kis:						
1. 🔀	the assignee of the entire right, little,	and interest in;					
2. []	an assignee of less than the entire right, tite, and interest in (The extent (by percentage) of its ownership interest is %), or						
3.	the assignee of an undivided linerest in the entirety of (a complete assignment from one of the joint inventors was made)						
the paren	nt application/patent identified above, by	virtue of either:					
A. []	An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Real						
OR	10,000						
8. X	A chain of title from the inventor(s), or	of the patient application.	patent identified above, to the current	assignee as follows.			
	1. From: HUAI TECHNOLOGI	S, LLC	To INTELLECTUAL VENTU	IRES II LLC			
			Palent and Trademark Office at or for which a copy the	reof is attached.			
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	Reel	Frame		reof is attached.			
	3. From:		To:				
			Peterd and Trademark Office at				
	Resi	, Frame	or for which a copy the	rreof is attached.			
	Additional documents in the chain of	of tifle are listed on a sui	opiemenial sheet(s).				
Gr "IN	a required by 37 CFR 3.73(b)(1)(i), the concurrently is being, submitted for re- IOTE: A separate copy (i.e., a true cop- containse with \$1 CFR Part 3, to recor-	cordation pursuant to 33 by of the original assign	CFR 3.11. ment document(s)) must be submitted	to Assignment Division in			
1 1	rsigned (who se little is supplied below)			,			
N	Ino Ant to M		4/	olu			
- V~	Signature Signature		name of the second	Date D PERSON FOR			
David Di	iiicher			D PERSON FOR VENTURES II LLC			
F	Printed or Typed Name	****		Title			

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